



Plastic Opto-Matic Oilers

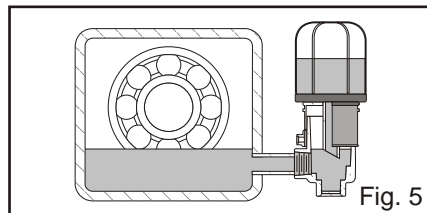
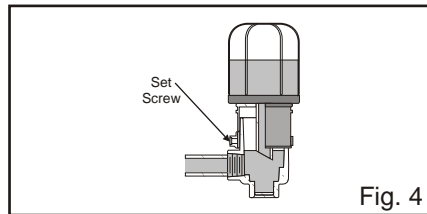
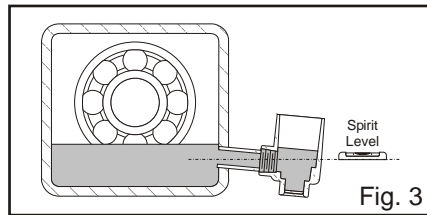
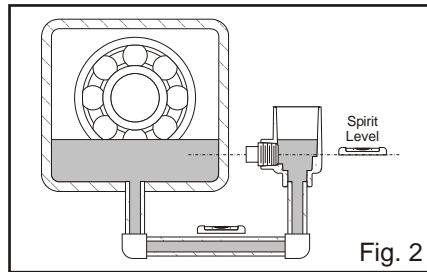
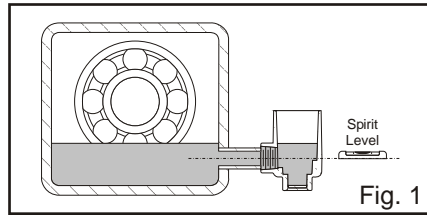
Read Instructions Before Installing

Installing

1. Remove reservoir and upper casting from lower casting.
2. Ream inside of connecting pipes to remove burrs so oil can flow freely. Be sure that all contaminants (chips, dirt, etc.) have been removed to prevent clogging or damage to the bearing.
3. Attach lower casting to bearing chamber either through the side stem connection Type E-EH (Fig. 1), or through the bottom connection Type EB-EHB (Fig. 2). Use thread compound on all threaded plugs and stems before tightening.
4. Check center line of lower casting side stem connection to be sure it is level and parallel with oil level (Fig. 1 & 2). Use spirit level if possible. Should a condition as shown in Figure 3 occur, the lubricator will not function properly. This condition must be corrected either by retapping bearing chamber housing or by adjusting pipes.
5. Fill reservoir with oil, place thumb over reservoir spout, invert and screw reservoir into upper casting. Allow reservoir to empty, filling the housing or bearing chamber (Fig. 5). Depending on the size and capacity of the bearing chamber several fillings of the reservoir may be required before the actual oil level is reached. Never use lower casting only as a fill spout, always fill thru reservoir. When oil level is reached, no more oil will run out of the reservoir bottle. When oil level is reached tighten the three set screws on the side of the upper casting (Fig 4).
6. Start up machine and check to see that the proper oil level is being maintained. If oil level is too low, loosen set screws on the side of upper casting, raise it slightly and re-tighten set screws. If oil level is too high, loosen set screws on the side of the upper casting, lower it slightly, re-tighten set screws and drain oil from bearing chamber, until desired oil level is reached.
7. Once the lubricator has been properly adjusted, no further adjustments are necessary, only a periodical filling of the lubricator's reservoir is required.

Note:

1. If the oil level is too high, it splashes, foams and seeps out along the shaft, wasting oil and deteriorating motor windings. Excessive heating of the bearing may also occur. If the oil level is too low, excessive heating, or premature bearing failure will occur. Investigate these problems immediately and correct them so as to avoid extensive machine damage and costly shut downs.
2. If it is found that fans or pulleys cause suction, pulling oil out of bearings while in operation, breather tubes are available: #30014, #30015 which will help relieve this problem.
3. If large quantities of oil are being consumed, or if a longer time between reservoir fillings is desired, Trico offers a large capacity constant level oiler. Available from 10 ounces to 1 gallon capacity and with glass or acrylic reservoir.
4. Consult the factory for suggestions in making the lubricators tamper proof or if lower than standard oil levels are required.



“E” & EB” OPTO-MATIC REPLACEMENT PARTS LIST

- RESERVOIR FOR**
1 oz. (30 ml.) Oilers - 20281R
2 oz. (60 ml.) Oilers - 20282R
4 oz. (120 ml.) Oilers - 20283R
8 oz. (240 ml.) Oilers - 20284R
- UPPER CASTING WITH SET SCREWS FOR**
All types and sizes - 20315R
- SET SCREW ONLY**
All types and sizes - 10310R
- LOWER CASTING FOR**
Type “E” with ¼ NPT side hole only - 10304R
Type “E” with ¼ BSPT side hole only - 14243R
Type “EB” with ¼ NPT side and bottom holes - 10306R
Type “EB” with ¼ BSPT side and bottom holes - 14241R
- PIPE PLUG FOR**
Type “EB” ¼ NPT - 10321R
Type “EB” ¼ BSPT - 14201R

“EH” & EHB” OPTO-MATIC REPLACEMENT PARTS LIST

- RESERVOIR FOR**
1 oz. (30 ml.) Oilers - 20326R
2 oz. (60 ml.) Oilers - 20327R
4 oz. (120 ml.) Oilers - 20328R
8 oz. (240 ml.) Oilers - 20329R
- UPPER CASTING WITH SET SCREWS FOR**
All types and sizes - 20315R
- SET SCREW ONLY**
All types and sizes - 10310R
- LOWER CASTING FOR**
Type “EH” with ¼ NPT side hole only - 20330R
Type “EH” with ¼ BSPT side hole only - 22544R
Type “EHB” with ¼ NPT side and bottom holes - 20331R
Type “EHB” with ¼ BSPT side and bottom holes - 22545R
- PIPE PLUG FOR**
Type “EHB” ¼ NPT - 10321R
Type “EHB” ¼ BSPT - 14201R